

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of claims:

Claims 1-10 (Cancelled)

Claim 11 (Currently Amended): A method for the mechanical working of metals and alloys which comprises conducting the mechanical working performed in the presence of an aqueous cooling lubricant having a pH of 6-10 and containing a phosphate ester of the formula

R1(oxyalkylene)nOP(O)(X)(OH) (I), or

(HO)2(O)P-(oxyalkylene)m-OP(O)(OH)2 (II),

where R_1 is an alkyl group with 1-12 carbon atoms, oxyalkylene is a group containing 2-4 carbon atoms, n is a number from 1-20, X is hydroxyl, R_1 O or R_1 (oxyalkylene) R_2 O, where R_3 O, oxyalkylene and n have the meanings mentioned above, and m is a number from 4-40, or a salt thereof, and an alkenyl substituted succinic acid of the formula

HOOCCH(R2)CH2COOH (III),

where R₂ is an alkenyl group with 4-10 carbon atoms, or a salt thereof, or a mixture of any of the compounds I, II and III. Claim 12 (Currently Amended): The method Method according to claim 11 wherein R_I in formula I contains 2-8 carbon atoms, the group (oxyalkylene)_n contains at least partially oxypropylene units and n is a number from 4-15.

Claim 13 (Currently Amended): The method Method according to claim 12 wherein the phgosphate ester of formula I is n-butyl-{OC3H₆}₁₀OPO₃H₂.

Claim 14 (Currently Amended): The method Method according to claim
112, wherein the phosphate ester of formula II is

(HO)a(0)P-(oxypropylene)a-isOP(O)(OH)2.

Claim 15 (Currently Amended): <u>The method Method</u> according to claim 11, wherein R₂ in formula III is <u>selected from the group consisting of octenyl</u>, decenyl, disobutenyl <u>and</u> or tripropenyl.

Claim 16 (Currently Amended): The method Method according to claim 15 wherein the phosphate ester has the formula I, in which R_I contains 2-8 carbon atoms, the group(oxyalkylene)_n contains at least partially oxypropylene units and n is a number from 5-15.

Claim 17 (Currently Amended): The method Method according to claim 15 wherein the phosphate ester is

(HO)2(O)P-(oxypropylene)s-15OP(O)(OH)2.

Claim 18 (Currently Amended): The method Method according to claim 11 wherein the total amount of compounds I and II is from 9,2 0.2 to 5% by weight and the amount of compound III is from 9,2 0.2 to 5% by weight.

Claim 19 (Currently Amended): The method Meethod according to claim 16 wherein the total amount of compounds I and II is from 0;4 0.4 to 3% by weight and the amount of compound III is from 0;4 to 3% by weight.

Claim 20 (Currently Amended): A concentrate, comprising

Anionic compounds I, II and III as defined in claim-11 in of the formula

R1(oxyalkylene), OP(O)(X1(OH)_(II), or

(HO)₂(O)P-(oxyalkylene)_m-OP(O)(OH)₂ (II),

where R₁ is an alkyl group with 1-12 carbon atoms, oxyalkylene is a group containing 2-4 carbon atoms, n is a number from 1-20, X is hydroxyl, R₁O or R₁(oxyalkylene₁O, where R₁ oxyalkylene and n have the meanings mentioned above, and m is a number from 4-40, or a salt thereof, and an alkenyl substituted succinic acid of the formula

HOOCCH(R2)CH2COOH (III).

where R_2 is an alkenyl group with 4-10 carbon atoms, or a salt thereof, or a mixture of any of the compounds I, II and III, which are present in a an total amount of 20-95% by weight and further containing additional corrosion inhibitors in an amount of 0-30% by weight, additional lubricants in an

amount of 0-30% by weight, water in an amount 5-80% by weight, and other ingredients in an amount of 0-30% by weight, the weight ration between the compounds I and/or II and compound II being from 1:15 to 15:1.

Claim 21 (Currently Amended): The concentrate Concentrate according to claim 20 compressing wherein the anionic compounds I and II and II are present in an a total amount of 50-90% by weight and further containing the additional corrosion inhibitors in an amount of 0-15% by weight, the additional lubricants in an amount of 0.15% by weight, water in an amount of 10-50% by weight, the other ingredients in an amount amounts of 0-15%, the weight ration between the compounds I and/or II and compound III being from 1:5 to 5:1.

Claim 22 (Currently Amended): The concentrate Concentrate according to claim 21 wherein the total amount of the additional corrosion inhibitors, the additional lubricants and the other ingredients is from 5 to 40% by weight.